

## **SUBSTITUTE ABSTRACT**

### **ABSTRACT OF THE DISCLOSURE**

An electrical cable having at least one core including a conductor and an insulation surrounding the conductor and having at least two insulation layers. A first one of the layers is a silicone rubber compound and a second one of the layers is an ethylene(C<sub>2</sub>)-alkylene(C<sub>x</sub>)-copolymer or terpolymer mixture adapted to have properties corresponding to those of a hardgrade-ethylene-propylene-rubber (H-EPR). The second layer can be a hardgrade-EPR. Such a cable construction in particular enables reduction of the cable diameter while still being capable of sustaining a burn test according to DIN 4102 Section.

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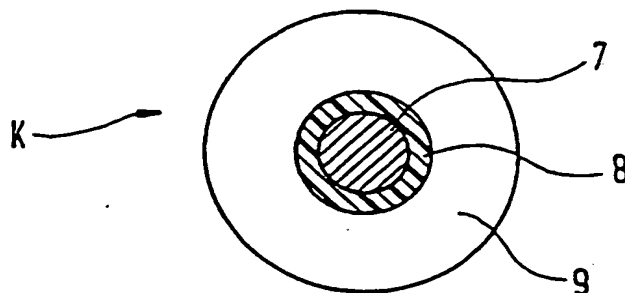
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(54) Title: **ELECTRICAL CABLE HAVING A HARDGRADE-EPR INSULATION**



(57) Abstract: An electrical cable (K) according to the invention has at least one core (1, 2, 3) including a conductor (1) and an insulation (2, 3) surrounding said conductor (1) and comprising at least two insulation layers (2, 3). A first one of said layers (2) comprises a silicone rubber compound and a second one of said layers (3) comprises an ethylene (C<sub>2</sub>)-alkylene (C<sub>x</sub>)-copolymer or terpolymer mixture adapted to have properties corresponding to those of a hardgrade-ethylene-propylene-rubber (H-EPR). The second layer (3) can comprise hardgrade-EPR. Such a cable construction in particular enables to reduce the cable diameter whilst still being capable to sustain a burn test according to DIN 4102 Section (12).

WO 01/41159 A1